

COLUMBIA UNIVERSITY

BULLETIN OF INFORMATION

Forty-second Series, No. 11

February 21, 1942

ANNOUNCEMENT OF

OCCUPATIONAL THERAPY

PROGRAM OF PROFESSIONAL COURSES



Columbia

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1942/43

FOR THE WINTER AND SPRING SESSIONS

1942-1943

MORNINGSIDE HEIGHTS — NEW YORK

Columbia University Bulletin of Information

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These include the Report of the President to the Trustees and the Announcements of the several Colleges and Schools and of certain Divisions, relating to the work of the next year. These are made as accurate as possible, but the right is reserved to make changes in detail as circumstances require. The current number of any of these Announcements will be sent upon application to the Secretary of the University.

C. U. P. 15,500—1942.

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Application blanks and any further information about the courses in this Announcement may be obtained from the Adviser to Students in Occupational Therapy, Room 303B, School of Business Building, 561 West 116th Street, New York, N. Y.

ADMINISTRATIVE OFFICERS

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WINTER SESSION

September 23, 1942 to January 30, 1943
Registration—September 21 to 23

SPRING SESSION

February 1 to May 22, 1943
Registration—January 28 to 30

GENERAL STATEMENT

In response to an increasing demand for qualified occupational therapists, Columbia University has instituted a program of professional studies leading to a Certificate of Proficiency in Occupational Therapy. This course of study, open to qualified students who have completed one year or more of college, is under the administrative supervision of the Director of University Extension. The first class began its studies in September, 1941.

The purpose of the program is to provide training and instruction to enable students to fulfill the educational requirements of a registered occupational therapist. The curriculum consists of two years of professional courses followed by one year (nine months) of clinical training in various teaching hospitals under supervision of the University. The two years of classroom work are devoted to courses in the biological, social and clinical sciences providing a scientific, medical and theoretical background together with courses in the techniques of the creative arts, recreational therapy, educational therapy, and pre-vocational training as they enter into the actual practice of occupational therapy. A close relationship with the Fine Arts, and Health and Physical Education Departments of Teachers College as well as the College of Physicians and Surgeons of Columbia University makes available to the student unusual clinical, practical and educational facilities.

The practice of occupational therapy, often referred to as the "work cure," consists of remedial treatment in the form of supervised activity for persons injured in body or mind by accident or disease. Handcrafts, recreational activities, educational pursuits and pre-industrial training are the concern of the therapist participating in modern occupational therapy programs today as they help toward the physical, mental, social and economic adjustment of the patient.

Occupational therapy was first used on a wide scale as an aid to recovery and guide to vocational rehabilitation of service men wounded or disabled in the first World War. Recognition of its value has expanded steadily in the past twenty-one years and with its growth has come the increasing need for more trained therapists. Today it presents opportunities in an uncrowded profession for properly qualified persons interested in a medical-social field.

To carry out these wider training programs various schools of occupational therapy were established with facilities for training students in the rapidly expanding profession. In order to guarantee uniform and high standards for such schools, the Council on Medical Education and Hospitals of the American Medical Association with the coöperation of the American Occupational Therapy Association devised requirements for acceptable schools of occupational therapy. These requirements published as "Essentials of an Acceptable School of Occupational Therapy" were adopted by the American Medical Association in June, 1935, and as further modified constitute the requirements which a school must meet in order to be accredited. Graduation from an accredited course is necessary in order to become a registered therapist and most positions with full status in both public and private institutions are now open only to registered therapists.

The courses described in this announcement are designed to meet the requirements set forth by the Council on Medical Education and Hospitals of the American Medical Association and to lead to eligibility for the Directory of Registered Occupational Therapists maintained by the American Occupational Therapy Association.

In view of the part played by occupational therapy in the last World War, the adequate training of therapists is undoubtedly going to play an important rôle in the present war. Should intensive war emergency courses be deemed advisable, Columbia University is ready to change and modify this professional curriculum to meet such demands.

ADMISSION

Students seeking admission to the University for the purpose of completing the requirements for the Certificate of Proficiency in Occupational Therapy fall into two groups: those seeking admission to the professional courses, and those seeking admission to the collegiate pre-professional courses.

Admission to the professional courses in occupational therapy is based upon a minimum of one year of college work acceptable to the Director of University Admissions. In addition, the candidate for admission must possess personal qualifications and aptitude for the practice of occupational therapy.

Aptitude will be judged in part by a personal interview. Candidates will be interviewed at the University where distance permits. Candi-

dates who live at a distance will be asked to see a representative to be designated by the University.

Time Credit. The residence requirements will be reduced in the case of candidates who hold an acceptable baccalaureate degree or who, in addition to having met the requirement of one year of academic work have also had accredited related professional training.

Under any circumstances the minimum residence requirement is twenty-one months, ordinarily including nine months theoretical training and twelve months in clinical practice.

The minimum of one year of college work required of all candidates for admission to the professional courses may be taken at any recognized college or university. For those wishing to take the year of college work at Columbia a one year program of collegiate pre-professional courses may be completed in University Extension. Candidates for admission to these courses must give evidence of ability and accomplishment, through graduation with high standing from an acceptable secondary school, and of preparation in English, mathematics, at least one foreign language, history, and a laboratory science. This preparation can be obtained most readily by including in the secondary school program the studies outlined below:

English	4 years	History	3 years
Mathematics	3 years	Laboratory Science	2 years
Foreign Language	3 years		

In this collegiate year general psychology, sociology, and chemistry, for those who have not offered chemistry as entrance credit from high school, are prescribed. This suggested course of study as offered at Columbia is as follows:

<i>Winter Session</i>	<i>Points</i>	<i>Spring Session</i>	<i>Points</i>
English uA1—English		English uA2—English	
Composition	3	Composition	3
Psychology u1—General		Psychology u2—General	
Psychology	3	Psychology	3
Sociology u1—Introductory		Sociology u2—Introductory	
Sociology	2	Sociology	2
Chemistry u1—General		Electives	8
Chemistry	4		—
Electives	4		16
	—		
	16		

The electives may be chosen from a wide range of subjects and may include comparative literature, speech, voice and diction, history, government, and physiology.

For additional information relative to the pre-professional courses, as well as additional courses open to pre-professional occupational therapy students, consult the current *Announcement of University Classes*.

The age requirement for candidates for admission to either the pre-professional collegiate courses or the professional courses is governed by the fact that the student must be at least 21 years of age on completion of the course as specified by the American Medical Association. Candidates may not be admitted to the pre-professional courses before 17 years of age. Candidates for the professional courses must be between 18 and 35 years of age.

Demands made on the physical endurance and emotional stamina of the therapist require a record of good health. A medical examination blank furnished by the University and signed by the candidate's physician is required before final acceptance for enrollment.

While occupational therapy is a profession of interest primarily to women, there are certain positions in the field for which it is desirable to have male therapists. For this reason a limited number of men may be admitted to the professional courses, depending upon individual qualifications.

REGISTRATION AND PAYMENT OF FEES

Registration

Before attending any University course, every student must present himself at the office of the Registrar and file a registration form, giving such information as may be required. The office is located in 315 University Hall and is open from 9 a.m. to 5 p.m. daily except Saturday, and on Saturday, from 9 a.m. to 12 m. The periods set aside for registration of students in occupational therapy for the Winter and Spring Sessions of the academic year 1942-1943 are as follows:

Winter Session: September 21, 1942, Monday, to September 23, 1942, Wednesday.

Spring Session: January 28, 1943, Thursday, to January 30, 1943, Saturday.

Approval of Program. Programs for all students in the professional courses in occupational therapy or in the pre-professional

collegiate courses leading to the professional curriculum must be approved before registration by the Adviser to Students in occupational therapy. All programs must be submitted for approval during the registration period in the office of the Adviser, Room 303B School of Business Building. All changes of program must also be approved by the Adviser and no change of program will be permitted beyond the second Saturday after the opening of the Winter Session or beyond the first Saturday after the opening of the Spring Session except by special permission.

Fees

The University Statutes provide that tuition fees, the University fee, and laboratory deposits are payable semiannually in advance. No reduction is made for late registration. Registration will not be complete until such fees are paid. Checks should be drawn to the order of Columbia University and presented in person or mailed to the office of the Bursar. Under the regulations, the privileges of the University are not available to any student until he has completed his registration.

The fees to be paid by students are subject to change at any time in the discretion of the Trustees.

The following fees are prescribed by statute for students enrolled in University Extension:

(a) University Fee

For each Winter or Spring Session or any part thereof \$5.00

(b) Tuition Fee

For all courses, per point, except in cases where a special fee is fixed \$12.50

With the proviso that the maximum fee for a Winter or Spring Session in the case of a student enrolled for not more than nineteen points may be fixed by the Registrar, with the approval of the President, at \$190.00

(c) Miscellaneous Fees

- 1. For application for the certificate \$10.00
- 2. For late application for certificate 3.00
- 3. For renewal of application for certificate 1.00
- 4. For special examination 3.00
- 5. For late application for a special examination 3.00

Rebates

- 1. The University fee and the fee for application for any degree or certificate shall not be subject to rebate.
- 2. After the last day of the period provided for change of course, as announced in the Academic Calendar, no tuition fee shall be returned for any course which the student may for any reason discontinue. Exception to this rule may be made only in cases of total withdrawal from the University, when a partial return of fees may be authorized by the Registrar.

When a rebate is allowed for the discontinuance of courses or withdrawal from the University, such rebate will be reckoned from the day upon which the Registrar receives notice from the student.

For the ultimate date for the completion of registration and for filing an application for a special examination, or for a certificate, without the payment of an additional fee, see the Academic Calendar.

A deposit for the use of lockers, keys, apparatus, material and the like is required of students in certain schools and courses. The deposit for breakage includes apparatus to replace broken articles or articles not returned at the close of the course; any chemicals not in the kit of chemicals supplied to each student, or additional quantities of chemicals, beyond this allowance; and service in washing apparatus, or work by a mechanic.

ESTIMATED EXPENSES FOR THE ACADEMIC YEAR

Following is an itemized estimate of expenses of attendance in the courses in occupational therapy for a full academic year :

Tuition and fees (see above)	\$390.00
Books, materials and equipment	45.00
Fee for physical examination (payable at first registration)		5.00
		<hr/>
		\$440.00

The above expenses are for each of the first two academic years.

Third year (clinical training), tuition and fees total	. .	\$ 85.00
Total cost—Three year students, approximately	. . .	\$965.00
Total cost—Advanced standing students, approximately	. .	\$525.00

<i>Living Expenses</i>	<i>Average</i>	<i>Minimum</i>
Room	\$220	\$150
Board	277	225
	<hr/>	<hr/>
	\$497	\$375

During clinical training students spend approximately three months of the period in residence in a hospital where they receive partial or full maintenance (room, board and laundry). In some instances a maintenance arrangement is possible for a longer period of time, thereby reducing total expense.

ABSENCES

It is a student's duty to attend punctually each class or laboratory exercise in each course. For credit toward the certificate, regular attendance is required in addition to the proficiency attested by class work and examination.

An undergraduate student may be absent without penalty in a session as follows: from a course meeting once weekly, twice; from a course meeting twice weekly, three times; from a course meeting three times weekly, five times; from a course meeting four times weekly, six times; from a course meeting five times weekly, seven times; and from a course meeting six times weekly, eight times. Each student is responsible for keeping a record of the date of each absence or lateness and the reason therefor. Tardiness counts as half an absence.

In case this limit is exceeded, a student may file with the Registrar at the end of the course a statement showing the cause of each absence. If, in the judgment of the Adviser, these causes were imperative, full or partial credit for the course may be assigned, in accordance with the extent and reason of the student's absences and the standing attained in the course.

EXAMINATION IN COURSE

All courses in University Extension usually close with a written examination. Two series of stated examinations are held in January and May (see the Academic Calendar at the end of this Announcement).

GRADES, CREDITS, AND REPORTS

The student's performance in a course is reported according to the following grades: A, excellent; B, good; C, fair; F, failure. A, B, and C are passing grades counting for credit toward the certificate and accepted as basis for advancement to a next higher course.

No student may expect to receive a passing grade in any subject who does not use good English in essays, examinations, and the other tests of proficiency required of students in the course. A student who does not receive regularly or by reëxamination a mark of C or above in a prescribed course must repeat that course.

Soon after the close of each Winter or Spring Session a student will receive a facsimile of his entire record as it stands on the Registrar's books.

STUDENTS

After having received an admission permit the student may proceed to register, in the stated registration period (see Academic Calendar), for such prescribed or elective courses of instruction as are appropriate for his purposes. Acceptance of a student for admission is based on grounds of character and health, as well as on the fulfillment of academic requirements.

Each person whose registration has been completed will be considered a student of the University during the session for which he is registered unless his connection with the University is officially severed by withdrawal or otherwise. No student registered in any school or college of the University shall at the same time be registered in any other school or college, either of Columbia University or of any other institution, without the consent of the appropriate Dean or Director.

Students prevented by conscientious scruples from complying with academic requirements which may be fulfilled only upon days set apart by their church for religious observance should make application to the appropriate authority for equitable relief.

ACADEMIC DISCIPLINE

The continuance of each student upon the rolls of the University, the receipt by him of academic credits, his graduation, and the conferring of any degree or the granting of any certificate are strictly subject to the disciplinary powers of the University, which is free

to cancel his registration at any time on any grounds which it deems advisable. The disciplinary authority of the University is vested in the President in such cases as he deems proper, and, subject to the reserve powers of the President, in the Dean of each faculty and the Director of the work of each Administrative Board.

WITHDRAWAL

An honorable discharge will always be granted to any student in good academic standing, and not subject to discipline, who may desire to withdraw from the University; but no student under the age of twenty-one years shall be entitled to a discharge without the assent of his parent or guardian furnished in writing to the proper Dean. Students withdrawing are required to notify the Registrar immediately.

The Dean of the school or faculty concerned may, for reasons of weight, grant a leave of absence to a student in good standing.

SAFEKEEPING OF STUDENTS' FUNDS

For the convenience and protection of students while in residence at the University, the Bursar is prepared to receive funds for safekeeping, subject to the printed regulations, copies of which may be obtained at his office upon request. There is no charge for this service.

Personal checks will not be cashed by the University or credit allowed until the money has actually been received from the bank on which the check is drawn. However, checks, drafts, and money orders may be deposited for collection. Students should provide themselves with travelers' checks to cover their immediate expenses.

THE LIBRARY

The University Library system consists of the main collection housed in South Hall and over 30 departmental libraries and reading rooms located in various buildings.

These libraries contain about 1,844,600 volumes, exclusive of unbound pamphlets.

The occupational therapy collection is housed in Butler Library, 228 South Hall, which is open each weekday from 9 a.m. until 5 p.m. (Saturday 9 a.m. to 12 m.)

A sub-branch of the New York Public Library is maintained in 101 South Hall.

All students registered in the University are entitled to the full

reference use of the various libraries without formalities. Subject to certain necessary library regulations, students may withdraw books for home use. The Bursar's receipt, bearing the usual signature of the student, must be presented as identification.

Students registered for occupational therapy have the privilege of using the Lending Service Department (Room 203 South Hall) which provides for a small daily fee not only current books of general interest, fiction and nonfiction, but also books needed for required and recommended reading in many courses.

During the winter and spring, the library is open each week day from 8:30 a.m. until 10 p.m. (Saturday 8:30 a.m. to 6 p.m.), on Sundays and holidays (except Labor Day, Christmas, New Year's Day and Independence Day) from 2 to 6 p.m., and at other times on week days from 9 a.m. to 6 p.m.

RELIGIOUS LIFE

The life of the University is given its religious expression and practice through St. Paul's Chapel, and the ministry of the Chaplain and those associated with him in his work. Attendance at the Chapel services is entirely voluntary. The Chaplain of the University is the Rev. Stephen F. Bayne, Jr. Assisting him are three Religious Counselors, the Rev. Robert G. Andrus, counselor to Protestant students, the Rev. George B. Ford, counselor to Roman Catholic students, and Rabbi Isidor B. Hoffman, counselor to Jewish students. The Chaplain and the staff of Counselors have their offices in Earl Hall, and are available every day for interviews with students.

The Chaplain and Counselors are eager to establish warm personal acquaintance with students and to meet them in personal and religious consultation at any time. The Chaplain will be glad to make appointments with students after services in the Chapel; and, with the Counselors, is usually available in Earl Hall at other times, or at his house, 413 West 117th Street.

EARL HALL

Earl Hall was given to Columbia University by the late William Earl Dodge for the religious and social activities of the students. On the main and upper floors, reached by the Campus entrance, are the offices of the Chaplain and his staff and the offices of the three Religious Counselors. These floors also contain an auditorium and other facilities for extensive religious and social activities. The lower floor, entered from Broadway, is occupied by the offices of the University Medical Officer.

MEDICAL SERVICE.

The University Medical Officer has direct supervision of all matters affecting the health of the student body. All cases of illness, especially communicable diseases, must be promptly reported to him. Absence from classes due to illness must also be reported to his office. The University Medical Officer and the members of his staff hold office hours daily in Earl Hall for consultation with students.

Members of the University who need medical attention at home and who desire to be advised concerning private physicians, specialists, and nursing care will receive such information at the office of the University Medical Officer.

Medical Examination: In accordance with the requirements of the American Medical Association a physical examination, including tuberculin tests, will be given each student in the professional courses during the first session of attendance. A fee of \$5.00 is charged for this examination, which is payable at the time of registration. Further physical examination will be repeated annually during the training period when deemed advisable.

UNIVERSITY BOOKSTORE

The official University Bookstore is situated in the Journalism building, with entrances at the southeast corner of 116th Street and Broadway, and from South Quadrangle between Furnald Hall and Journalism. Books and other supplies are sold at discounts from the usual prices. The store is open on weekdays from 8:30 a.m. to 8 p.m.; Saturdays, 8:30 a.m. to 6 p.m.; during the first days of each session, until 10 p.m. The store maintains a theater and concert ticket service, a travel bureau, telegraph agency, and other services, with substantial savings to Columbia students. Students having deposit accounts with the University may also make withdrawals at the Bookstore.

RESIDENCE HALLS

The Residence Halls of the University are located on or immediately adjacent to the Campus and afford easy access to libraries and classrooms as well as comfortable accommodations in an environment conducive to academic work. They serve also as a center of campus life and provide the students companionship with other students of like interests. The University, therefore, desires its students to live, whenever possible, in the Residence Halls.

In several of the Residence Halls are dining rooms maintained for all students and faculty of the University.

The Hall infirmaries are for the exclusive use of those living in the Residence Halls.

Assignment of rooms is made on the session basis. Room payments are due at the beginning of each session, but in case of need, other arrangements can be made.

Students coming from out of town to attend evening classes or those who wish to stay overnight at Columbia for any reason may secure accommodations at the rate of \$1.25 per night. These rooms may be obtained by applying to the Livingston Hall office (for men) or the Johnson Hall office (for women).

Copies of the Residence Halls Announcements and application blanks for rooms will be furnished on request by the Secretary of the University, 213 Low Memorial Library.

Residence for Women — Johnson Hall

Graduate and professional women students within the University live in Johnson Hall. The Hall was erected and particularly designed for the comfort and convenience of women students. With its various social rooms, attractive dining room and comfortable bedrooms, it offers pleasant conditions for University life. In Johnson Hall the average room fees are \$249 and the minimum, \$168.

The University infirmary for women is on the top floor of Johnson Hall. The services of the infirmary are available exclusively to residents of the Halls.

All women students in occupational therapy under twenty-three years of age who are not living at home will be required to live in a University Residence Hall, or to obtain permission to do otherwise from the Adviser to Students in occupational therapy, Room 303 Business. These students will not be allowed to complete their registration until their proposed living arrangements have been approved by this officer, whose signature must be obtained.

EMPLOYMENT

The Appointments Office, located in Alumni House, is the central placement department of the University through which men and women students and graduates are referred to suitable positions.

Students and prospective students who wish to use the facilities of the Appointments Office should address themselves to the Secretary of Appointments, Alumni House.

COURSE OF STUDY IN OCCUPATIONAL THERAPY

A typical outline of the program of studies for each year of the course of study is given below. In the three year course the first two years are spent on the Campus in theoretical and technical study. The third year (9-12 months) is devoted to clinical practice in mental, general, children's, orthopedic, tuberculosis services or hospitals.

Students granted "time credit" (see page 4) and completing the course in twenty-one months, carry a program combining first and second year courses during the one year spent on the Campus. The second year (clinical practice) is the same as for full time students.

FIRST YEAR

WINTER SESSION	<i>Points</i>
Occupational Therapy u11—Elementary Theory of Occupational Therapy	2
Psychology u33—Abnormal Psychology	2
Psychology u57—Child Psychology	2
T.C. Biology 153—Applied Anatomy and Physiology	4
T.C. Education 233Mk—Principles of Teaching	2
O.T. Fine Arts u47—Reedwork	2
O.T. Fine Arts u63—Woodwork	2
	—
	16

SPRING SESSION	<i>Points</i>
Occupational Therapy u12—Theory of Occupational Therapy	2
Occupational Therapy u16—Recreational Leadership	2
Sociology u106—Crime and Delinquency	3
T.C. Fine Arts 101Ta—Fundamentals of Design	2
O.T. Fine Arts u22—Minor Crafts	3
O.T. Fine Arts u42—Bookbinding	2
O.T. Fine Arts u64—Woodwork	2
	—
	16

SECOND YEAR

WINTER SESSION	<i>Points</i>
Occupational Therapy u21—Advanced Theory of Occupational Therapy	2
T.C. Physical Education 167	2
Neurology u1	2
Clinical Subjects u1—General Medicine & Surgery, Pediatrics	2
O.T. Fine Arts u87—Weaving	4
T.C. Fine Arts 107—Metal Work and Jewelry	2
O.T. Fine Arts u5—Interpretive Design	2
	—
	16

SPRING SESSION	<i>Points</i>
Occupational Therapy u22—Advanced Theory of Occupational Therapy	2
Occupational Therapy u18—Rehabilitation	3
Psychiatry u2	2
Clinical Subjects u2—Orthopedics, Public Health	2
T.C. Fine Arts 126—Pottery	2
T.C. Fine Arts 108—Metal Work and Jewelry	2
O.T. Fine Arts u26—Leather	1
T.C. Fine Arts 163—General Shop	2
	—
	16

THIRD YEAR

Hospitals Affiliated for Clinical Training

The Children's Hospital, Buffalo, N. Y.

Crippled Children's Guild, Buffalo, N. Y.

Moir P. Tanner, Superintendent

Miss Marguerite Abbott, O.T.R., Director of Occupational Therapy and Cerebral Palsy Clinic

Columbia-Presbyterian Medical Center, New York, N. Y.

and affiliated divisions.

Presbyterian Hospital

Mr. John F. Bush, Executive Vice-President

Mr. John F. McCormack, Superintendent

Miss Gladys Willey, O.T.R., Director of Occupational Therapy

Neurological Institute

Mr. John F. Bush, Executive Vice-President

Miss Marie C. Byron, R.N., Superintendent

Miss Marguerite Emery, O.T.R., Director of Occupational Therapy

Montefiore Hospital for Chronic Diseases, New York, N. Y.

E. M. Bluestone, M.D., Director

Miss Celia M. Pearson, O.T.R., Occupational Therapist

Montefiore Hospital—Country Sanatorium, Bedford Hills, N. Y.

Mr. Kenneth W. Hamilton, Rehabilitation Executive

Miss Borghild Hansen, O.T.R., Occupational Therapist

New York City Department of Hospitals

Miss Mary E. Merritt, O.T.R., Director, Division of Occupational Therapy

Bellevue Hospital

Mrs. Elizabeth L. Jameson, O.T.R., Director of Occupational Therapy

City Home for the Blind

Miss Helen B. Eagan, O.T.R., Director of Occupational Therapy

Triboro Hospital

Miss Gertrude Wait, O.T.R., Director of Occupational Therapy

Welfare Hospital for Chronic Diseases

Miss Frances E. Heess, O.T.R., Director of Occupational Therapy

New York State Department of Mental Hygiene

Wm. J. Tiffany, M.D., Commissioner

Mrs. Eleanor C. Slagle, Director of Mental Hygiene Occupational Therapy

North Carolina Orthopedic Hospital, Gastonia, N. C.

Miss Carrie Young, R.N., Superintendent

Miss Margaret Davis, O.T.R., Director of Occupational Therapy

A total of 6 points of field credit will be given during this clinical year.

Hospital organization and departmental administration—3 points.

Social agencies—3 points.

OUTLINE OF COURSES

The University reserves the right to withdraw or modify these courses or to change the instructors as may seem wise.

NOTE: For additional courses open to students in occupational therapy consult the *Announcements of Teachers College and University Classes*.

FIRST YEAR

Occupational Therapy u11-u12—Elementary theory of occupational therapy. 2 points each Session. Miss MARJORIE FISH.

11-11:50 a.m., Tuesday and Thursday. Room 608 Business.

A survey of the field. The correlation of theoretical principles with practical application. History and development of occupational therapy with special reference to present uses and technique. Craft analysis. Hospital etiquette and ethics.

Occupational Therapy u16—Recreational therapy. 2 points Spring Session. Instructor to be announced.

2-3:30 p.m., Tuesday and Friday. Room 417 Business.

Theory and practice of recreational activities and their therapeutic uses in the occupational therapy program, with opportunity for application.

T.C. Biology 153—Applied anatomy and physiology. 4 points (153a, 2 points) either Session. **153b** (either Session) or **153c** (Spring), 1 point in addition to the credit of 4 points for Biology 153. Miss LUTIA C. LEAVELL and special lecturers.

Section I—Lectures and Laboratory: 9-11:50 a.m., Monday and Friday, Winter or Spring.

Section II—Lectures: 4:30-6:10 p.m., Monday, Winter;
4:30-6:10 p.m., Friday, Spring.

Laboratory: 2:10-4 p.m., Tuesday and Thursday,
Winter or Spring.

Section III—Lectures: 4:30-6:10 p.m., Monday, Winter;
4:30-6:10 p.m., Friday, Spring.

Laboratory: 7:10-9 p.m., Monday and Wednesday,
Winter;

7:10-9 p.m., Wednesday and Friday,
Spring.

Room for all meetings: 306 Dodge.

A biological study of the anatomy, histology and physiology of digestion,

circulation, respiration, metabolism, excretion, nervous and muscular activity. Integration by the nervous system, by general composition of circulating fluids and by hormones.

Prerequisite: Elementary biology or physiology and chemistry.

153a (lectures and readings)—Open only to students who have had the equivalent of part of Biology 153 in other colleges.

153b—For students in the course who wish additional study on muscles, bones, and joints. Winter: 3:10–5 p.m., Friday. Spring: Hours to be arranged.

153c—For students in the course who wish additional study on the anatomy of the reproductive system. Spring: 1:10–3 p.m., Friday.

Qualified students who have special permission from the instructor may register for Biology 153b or 153c without being registered at the same time for Biology 153.

Psychology u33—Abnormal psychology. 2 points Winter Session. Professor OTTO KLINEBERG.

1:45–3:25 p.m., Wednesday. Room 103 Schermerhorn Extension.

This course describes the common mental maladjustments, undertaking to explain them in terms of general psychological principles. The social implications of abnormalities are emphasized.

Prerequisite: General psychology or elements of psychology.

Psychology u57—Child psychology. 2 points Winter Session. Dr. E. B. HURLOCK.

3:40–5:20 p.m., Wednesday. Room 104 Schermerhorn Extension.

This course covers the important phases of development during the early childhood years, from birth to adolescence. The specific topics studied include: physical growth; motor development; learning to walk; emotions; social development; play; childhood mysteries and personality. The common problems that arise at different times during the childhood years will be discussed, and suggestions made in regard to the best methods of dealing with them.

Prerequisite: General psychology or elements of psychology.

Sociology u105–u106—Crime and delinquency. 3 points each Session. Dr. THORSTEN SELLIN.

7:40–9:30 p.m., Monday. Room 302 Fayerweather.

Crime and the criminal will be considered with reference to the individual and environmental factors in crime causation. Theories of crime and punishment, statistics on crime and methods of administering justice will be examined.

T.C. Education 233Mk—Principles of teaching. 2 points Winter Session. Professor FANNIE W. DUNN.

7:30-9:10 p.m., Tuesday. Room 301 T.C.

A survey of learning as an active process, its relation to the environing conditions with emphasis upon social factors and consideration of change, the nature of the teaching-learning process, the significance of personality, the teacher's qualifications, preparation and responsibility, the function and nature of teaching in furthering growth.

O.T. Fine Arts u47—Reed work. 2 points Winter Session. Miss HARRIET KNAPP.

9-11:50 a.m., Wednesday. Room 31 Macy.

The fundamental principles of reed, raffia, and cane seating.

Approximate cost of materials, \$2.00.

O.T. Fine Arts u63-u64—Woodwork. 2 points each Session. Professor FRED STRICKLER.

1-3:50 p.m., Monday. Room 29 Macy.

A course designed to orient students in the fundamentals of woodworking and to develop a reasonable skill in the use of hand tool and finishing processes. Elementary principles of mechanical drawing.

There will be a charge for materials.

T.C. Fine Arts 101Ta—Fundamentals of design. 2 points Spring Session. Professor ELISE E. RUFFINI.

9-10:50 a.m., Tuesday and Thursday. Room 430 Macy.

The fundamental principles of design and their inter-relations will be studied through experiences in two and three dimensional designing. Practice in decorative and abstract design for textiles, posters, ceramics, and other art forms. Museum and store visits, lectures, readings, and discussions.

O.T. Fine Arts u22—Minor crafts. 3 points Spring Session. Miss HARRIET KNAPP.

9-10:50 a.m., Monday and Saturday. Room 31 Macy.

Dyeing, etching, hand puppets, hooking, knitting, knotting, needlecraft, plastics, and simple weaving.

Approximate cost of materials, \$2.00.

O.T. Fine Arts u42—Bookbinding. 2 points Spring Session. Miss HARRIET KNAPP.

Section 1—9-10:50 a.m., Wednesday and Friday. Room 29 Macy.

Section 2—1:30-3:20 p.m., Wednesday and Thursday. Room 29 Macy.

Instruction in the basic processes of book and magazine binding, pamphlets, portfolios and book repair. Decorative paper bindings, cloth and leather bindings. Problems of materials and costs are considered.

Approximate cost of materials, \$3.00.

SECOND YEAR

Occupational Therapy u21-u22—Advanced theory of occupational therapy. 2 points each Session. Miss MARJORIE FISH.

2-2:50 p.m., Tuesday. Room 412 Business.

9-9:50 a.m., Friday. Room 417 Business.

A review and advanced study of theory and techniques in the application of occupational therapy treatment in the various medical fields—mental, tuberculosis, pediatrics, general medical and surgical conditions, orthopedics, blind and deaf. Supplementary reading and reports.

Occupational Therapy u18—Rehabilitation. 3 points Spring Session. Instructor to be announced.

9-10:30 a.m., Monday and Wednesday. Room 418 Business.

A survey of public and private agencies offering facilities for vocational guidance, training and placement of handicapped persons. Includes a study of organization and legislation of state and Federal vocational rehabilitation to acquaint the student with community resources. Case histories and field trips.

T.C. Physical Education 167—Essentials of corrective physical education. 2 or 3 points Winter Session. Professor JOSEPHINE L. RATHBONE.

3:10-4:50 p.m., Thursday. Room 252 Thompson.

Permission of the instructor is required for registration for three points.

For those without experience in this area and for those who desire an overview of the relation of preventive and corrective physical education to the broader program. Topics: Kinesiology, coördination of corrective physical education with medical and nursing services, records, examination of cases, and prescription of exercises.

Clinical Subjects u1-u2—General medicine and surgery, pediatrics, orthopedics and public health. 2 points each Session. Dr. CHARLES RAGAN.

9-11 a.m., Saturday. College of Physicians and Surgeons.

General Medicine and Surgery. A consideration of the manifestations, complications and convalescence in medical and surgical conditions for which occupational therapy is prescribed. Clinical lectures and case demonstrations.

Pediatrics. A study of the common diseases of childhood.

Orthopedics. Diseases and injuries of bones, joints and muscles, causing impair-

ment of function and deformity. Consideration is given to body mechanics. This course will be supplemented by a series of lectures on principles and practice of occupational therapy in orthopedics to be given by a visiting orthopedic occupational therapist.

Public Health. An orientation course to familiarize the student with phases of preventive medicine and public health problems including communicable and contagious diseases, tuberculosis, blindness, and deafness.

Neurology u1—Elementary neurology. 2 points Winter Session. Dr. LESTER A. MOUNT.

4-5:50 p.m., Friday. College of Physicians and Surgeons.

Anatomy of the central, peripheral, and sympathetic nervous systems. Etiology, symptomatology and treatment in diseases of the brain, spinal cord and peripheral nerves.

Prerequisite: Abnormal psychology.

Psychiatry u2—Elementary psychiatry. 2 points Spring Session. Dr. LESTER A. MOUNT.

4-5:50 p.m., Friday. College of Physicians and Surgeons.

Etiology and symptomatology of the major and minor psychoses including the psychoneuroses and their treatment. Lectures with clinical demonstrations.

Prerequisite: Abnormal psychology.

T.C. Fine Arts 107-108—Metal work and jewelry. 2 points each Session. Professor FRED STRICKLER.

11 a.m.-12:50 p.m., Tuesday and Thursday. Room 29 Macy.

A practical acquaintance with the design and technical essentials of hammered metal and jewelry. For both beginning and advanced students. Students will be charged for the materials used.

T.C. Fine Arts 126—Pottery. 2 points Spring Session. Mr. J. SHELDON CAREY.

2:30-4:20 p.m., Wednesday and Friday. Room 31 Macy.

An introduction to the vast possibilities and methods of using clay to create functional pottery with coils, by casting, and with the potter's wheel. Mold making, methods of decorating, glazing, and firing of kilns are studied for practical use in teaching.

Students are charged \$2.00 for materials supplied by the department.

O.T. Fine Arts u87—Weaving. 4 points Winter Session. Instructor to be announced.

1-3:50 p.m., Monday and Wednesday. Room 25 Macy.

A workshop course emphasizing design and experimentation. Problems include the making of small pieces, belts, bags, scarves, luncheon mats, from design to completion, and the weaving of yardage material in finished or sample form. Copying old patterns, inventing new ones, dyeing threads, combining

varied weights and finishes of fibres including, besides the standard types, cords, braids, cellophane, and raffia. Students interested in allied fabric processes may include problems in stichery, applique, and braiding.

Approximate cost of materials, \$3.00.

O.T. Fine Arts u5—Interpretive design. 2 points Winter Session. Miss HARRIET KNAPP.

10-11:50 a.m., Monday and Friday. Room 430 Macy.

Basic and related problems providing experience with various mediums of expression as used in occupational therapy, with stress upon valid design concepts.

There will be a charge for materials.

O.T. Fine Arts u26—Leather. 1 point Spring Session. Miss HARRIET KNAPP.

9-10:50 a.m., Tuesday. Room 25 Macy.

Various processes and techniques of leather work as used in occupational therapy. Instruction in making a wide variety of articles including handbags, belts, gloves and other accessories.

There will be a charge for materials.

T.C. Fine Arts 163—General shop. 2 points Spring Session. Professor FRED STRICKLER.

7:10-10 p.m., Friday. Room 29 Macy.

A course offering further provision for experienced students to extend and refine their knowledge and skills in wood and metal work combined with an opportunity for orientation in other craft materials.

There will be a charge for materials.

T.C. Fine Arts 124—Arts and crafts. 2 or 3 points Winter Session. Members of the staff in Fine and Industrial Arts.

7:10-10 p.m., Tuesday and Thursday. Rooms 25 and 29 Macy.

This course consists of three units as below (T. C. Fine Arts 124a, 124b, and 124c). Students may register for all three units for three points, using the number T. C. Fine Arts 124 for registration; or they may register for any two of the three units for two points, using the unit numbers 124a, 124b, and 124c for registration.

124a: Light woodworking. September 24 to October 22. 29 Macy. The techniques of making small objects in wood; methods and materials used in teaching. Approximate cost of materials \$1.00.

124b: Carving in various materials. October 27 to November 24. 29 Macy. The techniques of carving in wood, plaster, soap, and plastics; methods and materials used in teaching. Approximate cost of materials \$1.00.

124c: Textile crafts. December 1 to January 14. 25 Macy. Block printing, embroidery, appliqué, needlework, simple weaving (excluding loom weaving); methods and materials used in teaching. Approximate cost of materials \$1.00.

ACADEMIC CALENDAR

1942-1943

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July	2	Thursday. Registration in Summer Session begins.
July	7	Tuesday. Forty-third Summer Session begins.
August	1	Saturday. Last day for filing applications for special examinations. The privilege of later application may be granted on payment of a fee of \$3.
August	14	Friday. Forty-third Summer Session ends.
September	14	Monday. Examinations for deficient and debarred students begin.
September	21	Monday. Registration for the Winter Session in University Classes (including the payment of fees) begins.
September	21	Monday, to September 23, Wednesday. Registration period for students in Occupational Therapy and for University Undergraduates.
September	23	Wednesday. Opening exercises, 189th year.
September	24	Thursday. University Classes begin for the Winter Session.
September	26	Saturday. Last day for registration for credit in the Winter Session for students in University Classes.
October	3	Saturday. Last day for change of program in the Winter Session for students in University Classes.
October	12	Monday. Columbus Day. Not a University holiday.
November	3	Tuesday. Election Day. Holiday.
(November	11	Wednesday. Armistice Day. Not a University holiday.)
November	12	Thursday. Mid-term date, Winter Session.
November	24	Tuesday. Annual Thanksgiving Service in St. Paul's Chapel.
November	26	Thursday. Thanksgiving Day. Holiday.
December	21	Monday, to

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January	3	Sunday, inclusive. Christmas holidays.
January	17	Sunday. Annual Commemoration Service in St. Paul's Chapel.

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January	18	Monday. Mid-year examinations begin.
January	28	Thursday. Registration for the Spring Session in University Classes (including payment of fees) begins.
January	28	Thursday, to January 30, Saturday. Registration period for students in Occupational Therapy and for University Undergraduates.
January	30	Saturday. Winter Session ends.
February	1	Monday. University Classes begin for the Spring Session.
February	6	Saturday. Last day for registration for credit in the Spring Session for students in University Classes.
February	6	Saturday. Last day for a change of program in the Spring Session for students in University Classes.
February	12	Friday. Alumni Day. Not a University holiday.
February	22	Monday. Washington's birthday. Holiday.
March	10	Wednesday. Last day for filing application for special examinations. The privilege of later application may be granted on payment of a fee of \$3.
March	20	Saturday. Mid-term date, Spring Session.
April	15	Thursday. Last day for filing application for the Professional Certificates in Accounting, Landscape Architecture, Occupational Therapy, Secretarial Studies and General Business. The privilege of later application may be granted on payment of a late fee.
April	18	Sunday, to April 25, Sunday, inclusive. Easter holidays.
May	17	Monday, to May 22, Saturday, inclusive. Final examinations in University Classes.
May	30	Sunday. Baccalaureate Service.
May	31	Monday. Memorial Day. Holiday.
June	1	Tuesday. Columbia College Class Day.
June	2	Wednesday. Conferring of degrees.
June	19	Saturday, to June 25, Friday, inclusive. Examinations of the College Entrance Examination Board.

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